

62

Per

SEEDS



Snapdragons

(Originator's Packets)

Bulbs

Plants

Cuttings

and Supplies



Geo. K.
Groff

HAROLD E. and MADELINE H. STEFFY, Props.

746 New Holland Ave.

Lancaster, Penna.

Phone EX 2-2773

1959
Wholesale
Catalogue

SNAPDRAGONS

Outstanding Selections

"All Snapdragons Sold in Originator's Packets"

SNOWMAN—I

(Ball)

A pure white, with a graceful spike.

Trade Packet \$3.50

NATIVE DANCER—F

(Yoder)

Light pink—shade darker than rosebud

Trade Packet \$3.50

CHRISTINA

(J. S. Yoder)

Popular light pink.

Trade Packet \$3.50

BARBARA—F

(J. S. Yoder)

Early hybrid bronze.

Trade Packet \$3.50

LIBBY—I

(J. S. Yoder)

Dark rose pink.

Trade Packet \$3.50

HERCULES—I

(Ball)

Good light pink for spring

Trade Packet \$3.50

WAR ADMIRAL—F

(Yoder)

Excellent medium yellow.

Trade Packet \$3.50

WHITE KNIGHT

(Yoder)

Good early white.

Trade Packet \$3.50

F—Fast Varieties

I—Intermediate Varieties

Quantity prices will be allowed — with a cash discount for cash with order.
All seed is mailed free to any point in the United States

NOTICE—We do not warrant in any way, expressed or implied the contents or the description, quality, productiveness, or any other matter of any seeds, bulbs or plants sold by us, and we will not be in any way responsible for the crop. If the purchaser does not accept these terms, the merchandise must be returned at once, and no sale is made thereof. All advance orders accepted subject to crop failure and any other causes beyond our control. ALL CLAIMS MUST BE MADE 5 DAYS AFTER RECEIPT OF GOODS.

GEO. K. GROFF (Harold E. and Madeline H. Steffy, Proprietors)

"Prices subject to change without notice"

SNAPDRAGONS

For Greenhouse Forcing

"All Snapdragon Seed Sold in Originator's Packets"

PINK AND ROSE SHADES

	Price Per Tr. Pkt.
F— Ann Marie , late flowering, med. pink	\$3.50
F— Chevy Chase Pink , pastel pink, darker than Maryland	3.50
F— Christina , light pink hybrid	3.50
F— Crusader , light rose pink, similar to Dorcas Jane	3.50
I— Hercules (Ball) , Light pink for spring	3.50
I— Jack Pot , (Ball) med. deep rose	3.50
I— Libby , hybrid, dark rose pink	3.50
F— Mary Ellen , hybrid, light clear pink, popular	2.50
F— Maryland Pink Imp. , early light pink	3.50
I— Native Dancer , (Yoder) light rose pink	3.50
I— New Times , early bright deep rose	3.00
F— Pensive , dark rose pink	3.50
F— Pompey , light rose pink	3.50
F— Prestige , long spikes, med. rose, yel. lip	3.50
I— Rebecca , slightly lighter than Christina	3.50
I— Rockwood Pink Supreme , a good color and producer	2.00
I— Spartan Rose , rose-pink hybrid, flowers with Margaret	3.00
Star Charter , rose pink	3.50
F— Top Flight , light rose pink	3.00
F— Rockwood Early Hybrid Pink , No. 1 good pastel shade	3.50
F— Whirlaway , light pink, slightly deeper than Mary Ellen	3.50
I— Anne Marie , Clear, medium Pink for late flowering	3.50
I— Maryland Flamingo , New 1958, Bright summer Hybrid, shatter resistant	3.50
F— Potomac Pink , medium light Hybrid full spike, summer variety	3.50
F— Rebecca , similar in color to Christina, early	3.50

YELLOW

I— Day Star , early yellow	3.50
I— Golden Spike , golden-yellow, for late winter and spring	3.50
I— Goldrush , new hybrid yellow, compact spikes	3.50
F— Patricia , new hybrid yellow, long spikes, early	3.50
Potomac Yellow , summer variety	3.50
I— Rockwood Hybrid Yellow , good quality	3.00

F—Fast Varieties

Price Per Tr. Pkt.

F— Seabiscuit , yellow	3.50
F— War Admiral , early yellow, follows Day Star	3.50

RED

F— Cherokee , true Christmas red	3.50
I— Maryland Red , early bright Red	3.50
I— Navajo , all purpose Red Snap	3.50
F— Priscilla Ann , early hybrid crimson	3.50

LAVENDER SHADES

F— Bold Venture , fuchsia purple	3.50
F— Lavender Lady , rosy-lavender, for late winter and spring	3.50
I— Lavender Rose , excellent color, Summer	3.00
I— Maryland Lavender , clear orchid lavender	3.50

BRONZE SHADES

F— Barbara , new hybrid bronze pink throat, bronze lips	3.50
F— Cavalcade , lively golden bronze	3.50
F— Gallant Fox , deep orange bronze	3.50
F— Glorious , deep reddish copper	1.50
Jubilee, light bronze hybrid	3.50
I— Lady Dorothy , copper red	3.00
I— Maryland Orange , orange bronze Hybrid	3.50

WHITE

F— Albion , pure white, later than White Knight	3.50
I— Apollo , ivory white similar to Margaret	3.50
F— Citation , long spikes, hard stems	3.50
I— Crystal White , new pure white for late flowering, Summer	3.00
F— Jet Pilot , medium early paper white	3.50
Junglewood White , dazzling white, mid winter	2.00
F— Margaret , ivory white, good producer	2.00
F— Maryland White , early paper white	3.50
F— Meines Hybrid White , earlier than Margaret	3.00
F— Rockwood Early White , early and good grower, short	2.00
F— Rockwood Hybrid White No. 5 , good early white	3.50
I— Snowdrift , double white late	3.00
I— Snowman (Ball's) , pure white	3.50
I— Snow Hybrid , fringed pure white	3.00
I— Spartan White , mid-winter pure white	3.00
I— Twenty Grand , medium early ivory white	3.50
F— White Knight , pure white, early	3.50

I—Intermediate Varieties

SNAPDRAGONS

For Greenhouse Forcing

"All Snapdragons Sold in Originator's Packets"

YODER BROTHERS HYBRIDS

\$3.50 Per Packet

WHITE

F—Albion, paper white hybrid fourteen days later than White Knight.

F—Jet Pilot, a medium paper white long spikes; similar to White Wonder in form; much greater vigor.

F—White Knight, Imp. paper white. Medium to long compact spikes, well placed florets. Growth is firmer and less grassy than Snowman and flowers earlier.

IVORY

I—Apollo, larger flowered and more vigorous than Margaret, similar to that variety.

F—Citation, earlier than Margaret, Apollo or Twenty Grand. Large ruffled floret. Vigorous and uniform. Compact floret spacing on long spikes.

I—Twenty Grand, a medium early winter flowering variety.

LAVENDER

F—Bold Venture, early, uniform, hard stem. Medium floret size. Color is best described as rich lavender.

LIGHT PINK

I—Nashua, light Rose Pink Hybrid Highly shatter-proof, compact spike.

F—Rosebud, pastel pink with long spikes and giant sized florets. Color holds well thru April. Strong stems.

F—Top Flight, earlier than Christina. Nearly identical with that variety in color, floret size and length of spike. Greater vigor and more uniform.

F—Whirlaway, medium early; large florets; close spacing; long spike; a little deeper color than Mary Ellen.

ROSE PINK

F—Crusader, color and season that of Dorcas Jane.

F—Pompey, color little deeper than Dorcas Jane. Earlier, more vigor, uniformity of growth and closer floret spacing than Dorcas Jane.

F—Fast Varieties

ROSE PINK

F—Rowena, light rose pink with medium to long spikes. Flowers ahead of Crusader or Pompey. Bunches well.

I—Native Dancer, light rose pink, mid-December thru early May.

F—Wintergreen, light rose pink of good quality. Good compact spikes. Complete lack of grassiness.

DARK PINK

F—Pensive, a little later than Christmas Cheer but stronger. Large florets.

F—Prestige, lustrous dark pink. A new color in the Yoder Class.

YELLOW

I—Brokers Tip, deep yellow with medium florets. Little or no side growth. Flowers after Seabiscuit. Well adapted for late flowering.

F—Seabiscuit, uniform, vigorous, excellent floret form; follows War Admiral, Patricia and Day Star. Outstanding winter or spring.

I—Swaps, true winter Yellow Hybrid large showy florets.

F—War Admiral, just follows Day Star. Closer spacing and somewhat larger florets.

BRONZE

F—Cavalcade, a lively golden bronze, extremely vigorous, long spikes, outstanding keeper.

F—Gallant Fox, deep orange bronze, similar in color to Lady Dorothy; much stronger and vigorous; compact floret placement; a little earlier than Barbara.

RED

F—Commando, pleasing red, plus earliness. Good novelty.

F—Man-O-War, intense color late December.

I—Intermediate Varieties

EFFICIENCY IN SNAPDRAGON VARIETIES FOR GREATER PROFIT

The final criterion for a good snapdragon variety is its ability to produce profitable crops.

Producing that crop with the lowest possible cost continues to be the problem of major importance.

Seven month crops, 50-54° temperatures, pinching, pruning and suckering add greatly to crop costs.

Cost conscious growers are gradually learning to appreciate the savings in crop time, temperature and labor that direct benching of small seedlings, single stem procedure with closer spacing and lower temperatures provide.

The full potential for lower cost crops bred into the newer hybrid snaps has not yet been fully realized. With their improved vigor, increased uniformity, cleaner growth and lower temperature tolerance they offer a real contribution to improved efficiency.

The classification of snapdragon varieties should be based on their response to a given temperature.

Many of our so-called winter flowering varieties are outstanding in the spring program. Many of the so-called spring varieties can be flowered in winter if the higher proper temperature and longer timing environments are provided. The summer, high temperature group requires the higher temperatures for maximum performance.

Given night minimums of 46° the first, **fast group** tolerates the low temperature and produces high quality to most efficient advantage. The second, **intermediate group** flowers very slowly and frequently uneven. The third, **slow group** often goes blind or becomes extremely vegetative.

Given night minimums of 50° the **fast group** flowers rapidly. Under low light conditions spikes are often too short and non-continuous. With the brighter days of early spring, performance is markedly improved. The **intermediate group** requires this minimum for winter flowering and tolerates well somewhat higher temperatures for spring crops. The **slow group** continues to vegetate.

Given night minimums of 54° and higher the **fast group** is forced too rapidly with premature flowering on shortened, thin stems. The **intermediate varieties** also mature too rapidly. Short spikes and lowered quality are the result. The **slow group** elongates uniformly and achieves maximum performance with this environment.

The most efficient snapdragon programs utilize the **fast varieties** for flowering during the winter and spring.

Growing the **intermediate varieties** during these periods is more costly in terms of growing time and required temperature.

The **slow group** is best restricted to summer high temperature flowering.

True hybrid vigor in snapdragons must include more than just increased production, through rapid growth and uniformity.

Within each color group the varieties are described and listed in their normal sequence of flowering. Each variety is further classified according to temperature response. This permits easy reference to the suggestions given for sowing and planting for any desired flowering date.

The recommendations are based on bench culture in a 40-45 latitude.

SNAPDRAGON FLOWERING SCHEDULES

(60 degrees minimum sowing temperature)

Response Group	Sow	Plant	Spacing	Flowering
Fast	8/13	8/30	4 x 5	Dec. 13 - Jan. 1
	8/23	9/13	4 x 5	Dec. 27 - Jan. 15
	8/30	9/20	4 x 5	Jan. 10 - Jan. 29
	9/ 2	9/23	4 x 5	Jan. 24 - Feb. 12
	9/ 6	9/27	4 x 5	Feb. 7 - Feb. 26
	9/13	10/ 4	4 x 5	Feb. 21 - Mar. 12
	9/17	10/11	4 x 4	Mar. 7 - Mar. 19
	9/24	10/18	4 x 4	Mar. 21 - Apr. 2
10/ 1	10/25	4 x 4	Apr. 4 - Apr. 16	
11/ 8	12/ 6	4 x 4	Apr. 18 - Apr. 30	
12/24	1/24	4 x 4	May 2 - May 14	
1/ 7	2/ 7	4 x 4	May 16 - May 28	

(46-48 degrees minimum growing temperature)

Response Group	Sow	Plant	Spacing	Flowering
Interm.	8/13	8/30	4 x 5	Jan. 10 - Jan. 29
	8/23	9/13	4 x 5	Jan. 24 - Feb. 12
	8/30	9/20	4 x 5	Feb. 7 - Feb. 26
	9/ 2	9/23	4 x 5	Feb. 21 - Mar. 12
	9/ 6	9/27	4 x 4	Mar. 7 - Mar. 19
	9/13	10/ 4	4 x 4	Mar. 21 - Apr. 2
	9/17	10/11	4 x 4	Apr. 4 - Apr. 16
	9/24	10/18	4 x 4	Apr. 18 - Apr. 30
10/ 1	10/25	4 x 4	May 2 - May 14	
11/ 8	12/ 6	4 x 4	May 16 - May 28	
12/24	1/24	4 x 4	May 30 - June 4	

MISCELLANEOUS SEEDS

CANDYTUFT

Giant Hyacinth Flowered White, superior strain, growing 1 1/2 feet high, excellent strain.

Tr. pkt. 25c; 1 oz. 90c; 1/4 lb. \$3.00; 1 lb. \$10.00

CINERARIA

Cremer Improved Prize Strain (Re-Selected), small foliage, tremendous heads of flowers in bright colors.

Tr. pkt. \$1.75; 1-64 oz. \$2.50; 1-32 oz. \$4.50

Multiflora Nana Mixture, small flowers, very dwarf
Tr. pkt. \$1.00; 1-32 oz. \$3.00

Multiflora Nana, gold center.

Trade Packet, \$1.25

Siters Rainbow Strain (Re-selected)

Trade pkt. \$2.00; 1-64 oz. \$2.75

DELPHINIUM

Giant Pacific Hybrids:

Blue Bird, clear medium blue, white bee.

Cameliard, pure lavender self, white bee.

Galahad, enormous clear white, white bee.

Guinevere, light pink, lavender self, white bee.

King Arthur, brilliant royal violet, large white bee.

Summer Skies Series, clearest light blue, white bee.

Tr. pkt. \$1.50; 1-8 oz. \$2.50; 1/4 oz. \$4.50

1 oz. \$15.00

Finest Mixture, well balanced mixture of Pacific Giants.

Tr. pkt. \$1.00; 1-8 oz. \$2.00; 1/4 oz. \$3.50

1 oz. \$12.00

Miscellaneous Types:

Blackmore & Langdon Hybrids, good strain.

Tr. pkt. 40c; 1/4 oz. \$1.00; 1 oz. \$3.50

Belladonna Improved (Cliveden Beauty), turquoise blue.

Tr. pkt. 40c; 1/4 oz. \$1.25; 1 oz. \$3.75

Bellamosum Improved, large deep blue.

Tr. pkt. 40c; 1/4 oz. \$1.25; 1 oz. \$3.75

Lamartine, deep bright marine blue, good cut flower habit.

Tr. pkt. 55c; 1/4 oz. \$1.50; 1 oz. \$5.00

GYPSOPHILA (Baby's Breath) Annual

Covent Garden Strain, pure white.

1 oz. 30c; 1/4 lb. 75c; 1 lb. \$2.50

London Market Improved, taller and later than Covent.
1 oz. 25c; 1/4 lb. 75c; 1 lb. \$2.25

LARKSPUR

(Giant Imperial or Base Branching)

Blue Bell, clear mid-blue.

Brilliant Rose (New), deep salmon rose, with brilliant carmine.

Dazzler, rich scarlet.

Gloria Improved, deep salmon rose.

Lilac King, rich lilac, full double.

Miss California, deep rose on salmon.

Pink King, soft shade of salmon rose.

Sweet Lavender, lavender color.

White King, best white.

Finest Mixed, named varieties.

Tr. pkt. 40c; 1 oz. \$1.80; 4 oz. \$6.00
1 lb. \$15.00

(Super Majestic), rose pink, bright rose, deep salmon pink, lavender, medium white, large flowered.

Tr. pkt. 30c; 1 oz. \$1.25; 1 lb. \$13.00

Regal Strain, lilac, white, salmon rose.

Tr. pkt. 40c; 1/2 oz. \$1.10; 1 oz. \$2.00

PANSIES

Color Carnival, the best American strain. Large flowers.

Tr. pkt. \$1.50; 1-8 oz. \$3.75; 1/4 oz. \$7.00; oz. \$22.00

Englemann's Giant Mixture (originator seed), dark and light shades, huge flowers compact and early flowering.

Tr. pkt. \$1.00; 1/4 oz. \$6.00; 1 oz. \$18.00

Roggli Swiss Giant Elite Mixed

Tr. pkt. \$1.50; 1-8 oz. \$3.75; 1/4 oz. \$7.00
1 oz. \$22.00

Maple Leaf Giants, large flowering strain.

Tr. pkt. 65c; 1-8 oz. \$1.65; 1/4 oz. \$3.00
1 oz. \$10.00

Greenhouse Winter Pansy, tall long-stemmed, giant flowers.

Tr. pkt. \$1.10; 1-8 oz. \$2.75

Steele's Butterfly Hybrids—Excellent colors.

1-16 oz. \$2.50; 1-8 oz. \$3.50; 1/4 oz. \$5.60
1 oz. \$17.50

Jumbo Mixed—

Tr. pkt. \$1.25; 1-8 oz. \$3.40
1/4 oz. \$6.10; 1 oz. \$16.50

STOCK

NON BRANCHING

Butterscotch No. 26, good color.

Apricot, large flowered creamy buff.

Dark Blue

Gardenia, shimmering white.

Ball White No. 16

Rose Pink, clear rose pink.

Ruby, crimson red.

Silver Lilac, lilac lavender.

Yellow Wonder, rich creamy yellow.

Tr. pkt. \$1.25; 1/4 oz. \$2.75; 1 oz. \$10.00

Geo. K. Groff

Harold E. and Madeline H. Steffy, Props.

PLANTS, CUTTINGS

BULBS, SEEDS,

INSECTICIDES

746 New Holland Ave.

PHONE EXpress 2-2773

LANCASTER, PA.

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SHIP TO

EXP. OFFICE

POST OFFICE

DELIVERY

We endeavor to send out only the very best quality of plants, cuttings, bulbs, and seeds, but under no circumstances do we guarantee results of crops. If our goods are not accepted on these conditions same should be returned to us within 5 days.

AMERICAN GROWN AND IMPORTED BULBS

Fall and Spring Planting

NARCISSUS
IRIS
TULIPSHYACINTHS
CROCUS
GLADIOLUSLILIES
FREESIATUBEROUS BEGONIAS
GLOXINIAS

FIELD GROWN CARNATIONS

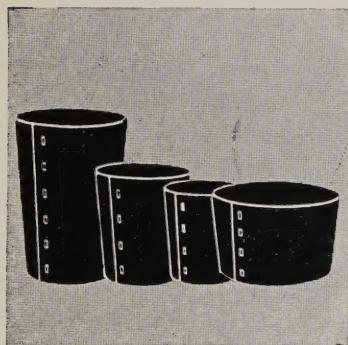
We can supply your needs in Field Grown Carnations for the 1959 Season: clean, well branched Field Grown Stock July and later.

Note: Write for prices and further information on Bulbs and Carnations.

BIRD VITA BANDS AND POTS

VITA BANDS

PERENNIAL POT



GRO-TAINERS



JIFFY POTS

8 DIFFERENT SIZES

SQUARES

		Per 1,000
2 1/4"	2,500 - 17,500	\$ 7.50
3 "	1,000 - 9,000	14.50
4 "	500 - 4,500	27.50

ROUND STANDARDS

	Per 1,000
1 1/2"	3,000 - 18,000
2 1/4"	3,000 - 18,000
3 "	1,500 - 9,000

ROUND SHORTIES

	Per 1,000
3 " - 2 1/2" deep	\$13.00
3 1/2" - 3 " deep	18.25

Prices Prepaid on 150 Lbs. or More

SUNDRIES

HORMODIN No. 1	1 lb. Tin—	3.00
ROOTONE—a plant Hormone powder for rooting cuttings	2 oz.—	\$1.00; 1 lb.— 5.00
PLANTHION—Wettable, 15% (For outdoor use only). Good control on Cyclamen mite on Delphinium, and also good for Red Spiders	4 lbs.—	4.00
BUG-GETTA PELLETS—Cutworms, snails, etc.	5 lbs.—	2.25

LETHALAIRE

G-52	G-53	G-54	G-57	G-60	G-61	G-62
5% TEPP	5% DDT	10% Parathion	5% Dithiono	10% Aramite	Lindane-Aramite	15% Malathion
\$7.50	\$9.50	\$9.00	\$9.00	\$12.00	\$12.50	\$9.75
GAS MASK G-3 F D—Complete with Canister, cardboard carton						\$27.00
GAS MASK G-3 F D—Complete with Canister, fibre carrying case						\$35.00
EXTRA CANISTERS						4.50
LETHALAIRE APPLICATORS—24" with cylinder pack						7.00
36" with cylinder pack						7.25
48" with cylinder pack						7.50

CUPRINOL GREEN-10—This wood preservative can be used to protect your frames, seed boxes, benches, flats and stakes	1 gal. can—	\$4.70; 5 gal. can—	\$22.00; 50 gallon drum—	\$190.00
CUPRINOL FOR DIPPING	5 gal. can—	\$14.25; 50 gallon drum—	\$119.25	

WATER SOLUBLE FERTILIZER

PETERS SPECIAL FERTILIZERS

20-20-20	Cut Flower Special—	7.25	25-10-20	Carnation Special—	7.25
15-15-15	Geranium Pot Plant Special—	6.75	16- 4-12	Easter Lily Special—	6.75
20- 5-30	Potash Special—	6.75	21- 7- 7	Azelea Special—	6.75

FUMIGANTS, INSECTICIDES, Etc., for Florists

DEENATE 50-W-DuPont DDT Wettable Powder	4 lbs.—	\$2.50, 25 lbs.—	\$18.75
5% D.D.T. for dusting	5 lb. cans—	\$ 1.25	
DOW'S "MIKE" SULPHUR DUST	10 lb. bag—	\$1.50; case of 6 10-lb. bags—	\$ 8.00
TERRACLOR—Useful in control of stem rot—Carnations, Poinsettias, Chrysanthemums	5 lb. bag—	\$ 5.50	
FERMATE	3 lbs.—	\$2.45; Case (36 lbs.)—	\$25.80
PARZATE—Excellent organic fungicide	3 lbs.—	\$2.70; Case (12 3-lb. bags)—	\$31.20
ZERLATE	3 lbs.—	\$2.45; Case (36 lbs.)—	\$25.80
ARAMITE, 15 W	4 lb. bag—	\$3.50	
OPTOX—Effective insecticide	1 gallon 10% DDT—	\$10.00	
ORTHCIDE 50-W (Captan)	50 lb. drums—	\$54.00; 5 lbs.—	\$ 5.70
DU PONT SPREADER STICKER—Combined spreader and sticker. Pint—\$1.25	1 gallon—	\$9.00	
NICO-FUME LIQUID	1 gal. (8 lbs.)—	\$14.00; 5 gals. (40 lbs.)—	\$53.75
PLANTFUME 103	5,000 cu. ft. cartons—	36—\$12.00; 20,000 cu. ft. carton—	12—\$12.00
MALATHION	4 lb. 25% Wettable Powder—	\$ 2.80	
VAPOTONE XX—The Red Spider spray of Hexaethyl Tetra-Phosphate	1 Gal. Emulsion—	\$12.50	
	1 gallon—	\$11.90	

Prices Subject To Change